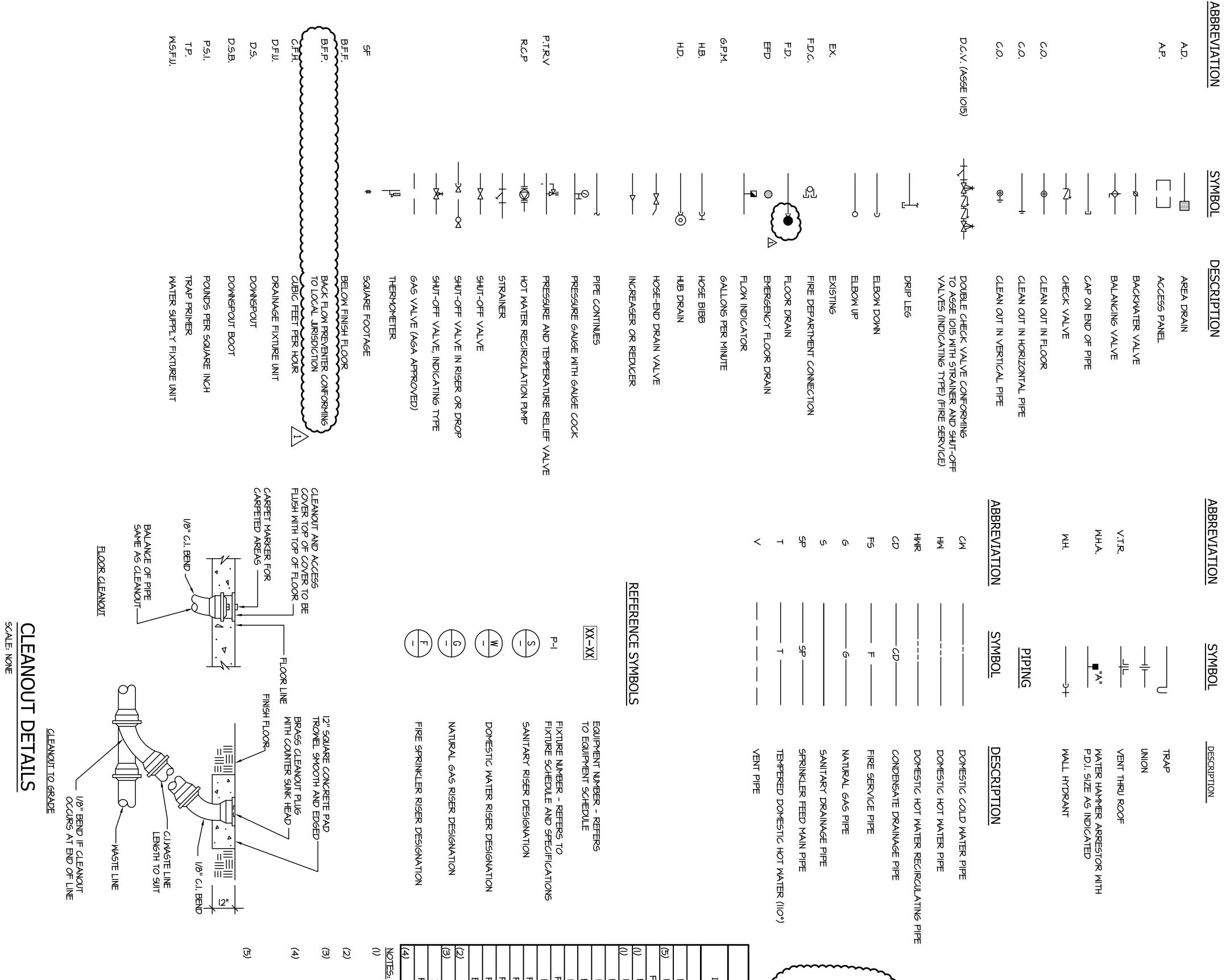
## SYMBOLS AND ABBREVIATIONS

FITTINGS AND SPECIALTIES

FITTINGS AND SPECIALTIES



## PLUMI BING NOTES

- PLUMBING MATERIALS AND INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2006 INTERNATIONAL PLUMBING CODE. NATURAL 6AS MATERIALS AND INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2006 INTERNATIONAL FUEL 6AS CODE.
- EXCEPT WHERE OTHERWISE INDICATED, HORIZONTAL DRAINAGE PIPING IS SHOWN ONE FLOOR ABOVE WHERE IT OCCURS IN THE BUILDING.
  DOMESTIC WATER, GAS AND VENT PIPING ARE SHOWN ON THE FLOOR WHERE THEY OCCUR.
- EXCEPT WHERE OTHERWISE INDICATED, HORIZONTAL DRAINAGE PIPING 2" AND SMALLER SHALL SLOPE AT I/4"/FT. AND HORIZONTAL DRAINAGE PIPING 3" TO 6" SHALL SLOPE AT I/8"/FT. AND 8" OR LARGER PIPING SHALL SLOPE AT I/16"/FT..

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4.

- PIPING IN AREAS MITHOUT SUSPENDED CEILINGS SHALL BE AS CLOSE TO THE STRUCTURE ABOVE OR TO THE WALLS AS POSSIBLE. PIPING IN AREAS MITH SUSPENDED CEILINGS SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS.
- CLEANOUTS SHALL BE THE SAME SIZE AS THE PIPES THEY SERVE UP TO 4" AND NOT LESS THAN 4" FOR LARGER PIPES. CLEANOUTS MITHIN WALL CAVITY SHALL BE FACING WORK SPACE MITH A RECESSED PLUG. ALL VENTING TO BE SLOPED TO ALLOM DRAINING BACK INTO SANITARY LINE.

## FIRE PROTECTION NOTES:

Samahaha Associates p.c.

- $\dot{\nu}$ BUILDING SHALL BE PROVIDED WITH 100% SPRINKLER COVERAGE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NEPA 13 (LATEST EDITION) AND THE AUTHORITY HAVING JURISDICTION.
- 2. BUILDING HAZARD CLASSIFICATIONS: MECHANICAL ROOMS, JANITORS CLOSETS, STORAGE ROOMS TO BE ORDINARY GROUP 2 WITH A MINIMUM DENSITY OF .20 GPM OVER 1500 SQUARE FEET AND A COMBINED HOSE-STREAM DEMAND OF 250 GPM FOR 60 TO 90 MINUTES DURATION TIME. ALL OTHER AREAS OF THE BUILDING TO BE LIGHT HAZARD WITH A MINIMUM DENSITY OF .10 GPM OVER 1500 SQUARE FEET AND A COMBINED HOSE-STREAM DEMAND OF 100 GPM FOR A 30 MINUTE DURATION.

  3. MAXIMUM ALLOWABLE SPRINKLER COVERAGE, AREAS OF COVERAGE PER SPRINKLER & WATER APPLICATION DENSITIES SHALL BE PER NFPA 13 REQUIREMENTS FOR THE PREVIOUSLY INDICATED HAZARD CLASSIFICATIONS. IN SUSPENDED CEILING LOCATE SPRINKLER HEADS IN CENTER OF CEILING TILES IN BOTH DIRECTIONS.
- REFER TO ELECTRICAL DRAWINGS FOR THE EXTENT OF FIRE ALARM ZONES.
  THE CONTRACTOR SHALL PAY FOR AND SECURE ALL PERMITS, PROVIDE THE
  NECESSARY TEST EQUIPMENT AND PERFORM ALL TESTS AND INSPECTIONS AS
  PER N.F.P.A. REQUIREMENTS. PRINKLER CONTRACTOR SHALL VERIFY ALL HAZARD CLASSIFICATIONS, SUBMIT SHOP PRAMINGS, HYDRAULIC CALCULATIONS & CUT SHEETS TO THE AUTHORITY HAVING URISDICTION FOR APPROVAL.

*6* ід

ALL SPRINKLER HEADS TO BE LISTED AS QUICK RESPONSE.

S3E

Klingemann

- ALL FLOOR DRAINS THAT WILL NOT SERVE DRAINAGE EQUIPMENT WILL NEED TO BE TRAP PRIMED. .1 Ġ NODE 1910608

  NODE 1910608

  DATE OF TEST 11-20-2007

  STATIC PRESSURE - 71.17 PS1

  RESIDUAL PRESSURE - 34.65 PS1 @ 2800 GPM
  FIRE HYDRANT ELEVATION - 390.00'

  FLOW INFORMATION GIVEN BY LCSA
- SPRINKLER PIPING TO BE INSTALLED IN ELECTRIC ROOM OR IT CLOSET.

AS REQUIRED BY MANUFACTURE OF HEATER, FLUE KIT RECOMMENDED BY HEATER MANUFACTURE	OMMENDE	TER, FLUE KIT REC	TURE OF HEAT	RED BY MANUFAC	* AS REQUIT	
-	-	-	ı	1	•	
BASIS OF DESIGN: RINNAI R98LSE-ASME	*	6	231 MAX	N/A	6MH-I	
REMARKS	FLUE	FLOW GPM @ 70°F RISE	GAS INPUT (CFH)	STORAGE CAPACITY (GALLONS)	HEATER NO.	
GAS FIRED TANNEESS INSTANTANEOUS WATER HEATER SCHEDULE	_UUS V	IN A I NIA I CNIT	ANNEDO	GAS LIKED		

ADDENDUM #1

5.12.2010

REVISION

DATE

PLUMBING GENERAL NO

)TES

THE SPACE AROUND PENETRATING ITEMS AND IN JOINTS IN SMOKE BARRIERS AND PARTITIONS SHALL BE FILLED WITH AN APPROVED MATERIAL TO LIMIT THE FREE PASSAGE OF SMOKE. SEE DRAWING A-I FOR THE LOCATION OF SMOKE BARRIERS AND PARTITIONS.

FIRESTOP ALL PENETRATIONS THROUGH FIRE PARTITIONS AND CEILINGS. SEE DRAWING A-LOCATION OF RATED PARTITIONS AND CEILIN

E RATED -I FOR THE NGS.

PROVIDE WITH VACUUM BREAKER.	,	1/2"	,	1	HOSE BIBB	<u>£</u>
PROVIDE BACKFLOW PREVENTER	1	1/4"	1	1	REFRIGERATOR W ICE MAKER	RH
" DRAIN THRU AIR GAP TO SINK	1/2"	1	1	1	DISH WASHER	DW
RECESSED, FREEZE-PROOF, W KEY	1	3/4"	1	1	WALL HYDRANT	¥
PROVIDE TRAP PRIMER VALVE CONNECTION	ı	1	I-I/2"	<u>3</u>	FLOOR DRAIN	₽D
PROVIDE TRAP PRIMER VALVE CONNECTION	,	1	I-I/2"	2"	EMERGENCY FLOOR DRAIN	EFD
" COUNTER MTD	1/2"	1/2"	I-I/2"	I-I/2"	SINK	P-15
ADA WALL HUNG HI/LOW	1	1-1/2"	I-I/2"	I-I/2"	DRINKING FOUNTAIN	P-14
" PRESSURE BALANCE MIXING VALVE, FIXED SHOWER HEAD.	1/2"	1/2"	I-I/2"	I-I/2"	ВАТНТИВ	P-13
" DRAIN TO STANDPIPE, PROVIDE WATER HAMMER ARRESTORS	3/4"	3/4"	I-I/2"	3"	WASHER CONNECTIONS	P-12
NOT USED.	ı	ı	ı	-	1	P-
" 24" × 36" × 10" HIGH FLOOR MOUNTED RECEPTOR, WALL MOUNTED FAUCET W PAIL HOOK, HOSE THREADS	3/4"	3/4"	I-I/2"	3 <u>a</u>	MOP BASIN	P-IO
" SMING SPOUT - RESIDENTIAL TYPE	1/2"	1/2"	I-I/2"	(2)  - /2"	2 COMP. KITCHEN SINK	p-q
" SMING SPOUT - RESIDENTIAL TYPE	1/2"	1/2"	I-I/2"	I-I/2"	SINGLE BOWL KITCHEN SINK	P-8
" PRESSURE BALANCE MIXING VALVE - HAND SPRAY (ADA COMPLIANT)	1/2"	1/2"	I-I/2"	2"	SHOMER (ADA)	P-7
" PRESSURE BALANCE MIXING VALVE - FIXED SHOWER HEAD	1/2"	1/2"	I-I/2"	2"	SHOMER	P-6
" UNDERMOUNTED BOWL - (ADA)5 GPM AERATOR - SINGLE LEVER HANDLE	1/2"	1/2"	I-I/2"	I-I/2"	LAVATORY	P-5
" WALL BOWL - (ADA)5 GPM AERATOR - SENSOR FAUCET *PROVIDE TEMPERED WATER (95° F.)	1/2"	1/2"	I-I/2"	I-I/2"	LAVATORY	P-4
WALL HUNG - WATERLESS - CARTRIDGE FREE - SAME FIXTURE AS P-3 MOUNTED AT ADA HEIGHT	1	•	I-I/2"	2"	URINAL (ADA)	P-3A
WALL HUNG - WATERLESS - CARTRIDGE FREE KOHLER	1	1	I-I/2"	2"	URINAL	P-3
FLR. MTD (ADA) - 1.6 GPF - SENSOR OPERATED, BATTERY POWERED, DUAL FLUSH VALVE	1	l"	2"	4"	MATER CLOSET (ADA)	P-2
FLR. MTD 1.6 GPF - SENSOR OPERATED, BATTERY POWERED, DUAL FLUSH VALVE	1	l"	2"	4"	MATER CLOSET	p-l
REMARKS	МН	CW	VENT	WASTE	DESCRIPTION	ITEM
PLUMBING FIXTURE CONNECTION SCHEDULE	ONNECTI	TURE CO	IBING FIX	PLUM		

- TEMPERING VALVES FOR HAND WASH FIXTURES SHALL BE POWER LM 495-1 SET FOR 105° F MAX. TEMPERATURE ASSE 1016-96, ASSE 1069 & ASSE 1070 OR APPROVED EQUAL
- FREEZE PROOF WALL HYDRANT J.R. SMITH FIG. # WITH E27 VACUUM BREAKER. TRAP PRIMER VALVE J.R. SMITH FIG. # 2699 OR 5619 H.B. HOSE BIBB CHICAGO FAUCET APPROVED EQUAL
- HOSE BIBB CHICAGO FAUCET #13 WITH E27 VACUUM BREAKER
- TRENCH DRAIN: J.R. SMITH ENVIRO 18 6 "WIDE .
- ONE URINAL TO BE PROVIDED BY OWNER AND INSTALLED BY
- POO2 PLUMBING SITE PLAN

  POO3 PLUMBING FIXTURE SPECIFICATIONS

  PIOI PLUMBING FLOOR PLANS SANITARY PLUMBING FLOOR PLANS - SANITARY - BUILDING 2
  PLUMBING FLOOR PLANS - WATER & GAS - BUILDING |
  PLUMBING FLOOR PLANS - WATER & GAS - BUILDING |
  BUILDING | PLUMBING RISER DIAGRAMS BUILDING 2 PLUMBING RISER DIAGRAMS DRAWING LIST - BUILDING I

Youth

Loudoun

Shelter

Renovations Additions &

PLUMBING COVER SHEET

P001